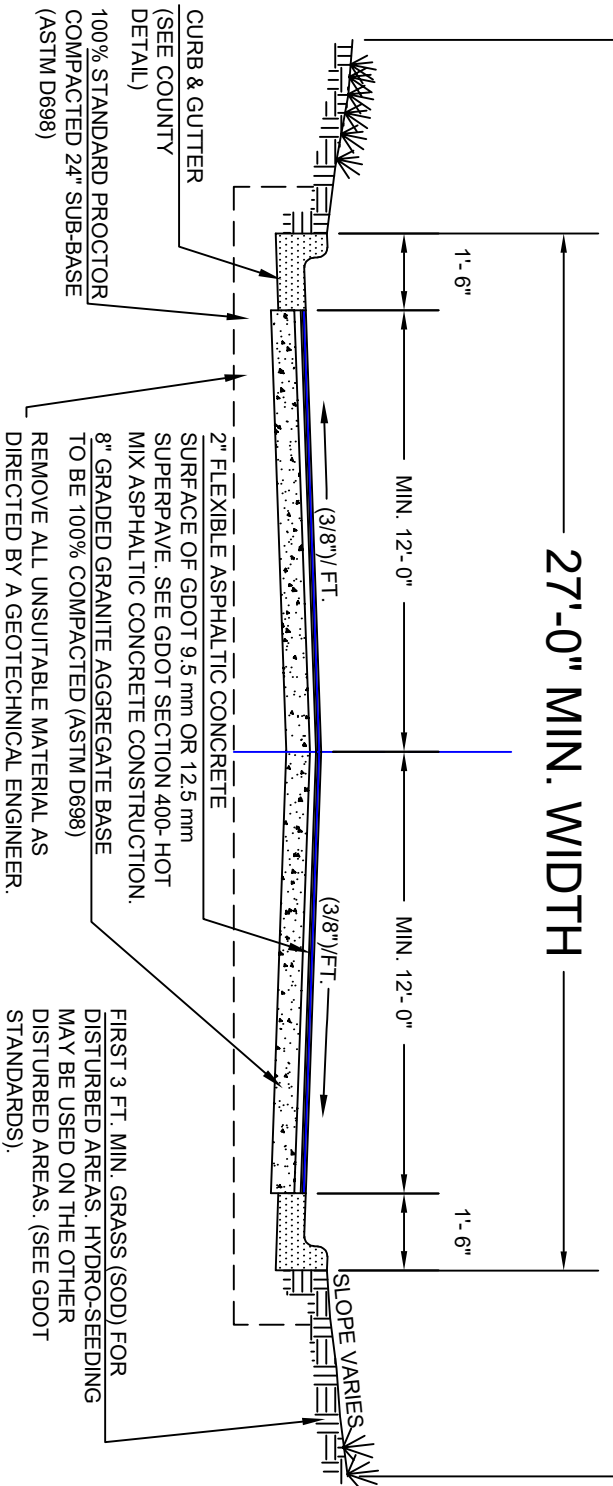


RIGHT-OF-WAY WIDTH VARIES

27'-0" MIN. WIDTH



NOTES:

1. THIS DETAIL SUPERSEDES DETAILS P10, P-12 AND THE STANDARD SPECIFICATIONS DATED AUGUST 2004.
2. SOIL TESTING IS REQUIRED TO DETERMINE IF THIS SECTION MEETS THE MINIMUM REQUIREMENTS FOR THE SITE'S SOIL CONDITIONS. THIS MUST BE CERTIFIED BY GEOTECHNICAL ENGINEER.
3. CONSTRUCTION SHALL CONFORM TO ALL THE APPLICABLE EFFINGHAM COUNTY STANDARD SPECIFICATIONS INCLUDING, BUT NOT LIMITED TO, DIVISION 2 AND 3.
4. ALL HOT MIX ASPHALTIC CONCRETE MUST COMPLY WITH GDOT STANDARDS SECTION 400 AND ALL RELATED SECTIONS 106, 109, 413, 424, 802, AND 828. TEST PER EACH 250 TONS OF CONCRETE ASPHALT PER GDOT SPECIFICATIONS:
  - A. ONE ASPHALT EXTRACTION AND AGGREGATES.
  - B. ONE MARSHALL STABILITY TEST (NOT LESS THAN 1,500 LBS. FOR SURFACE COURSE).
  - C. ALL CORE HOLES SHOULD BE FILLED WITH HOT ASPHALT. HOLES MUST BE CLEANED, DRIED, AND TACK WITH AC-20 OR AC-30.
5. FOR AGGREGATES, USE THE ASTM C1077 STANDARD PRACTICES FOR TESTING.
6. THE COUNTY RESERVES THE RIGHT TO REQUIRE UNDER DRAINAGE AND/OR FILTER FABRIC ON THE BASIS OF FIELD TESTING.
7. THE BOTTOM OF ROAD BASE MUST BE LOCATED AT 2 FEET (MIN.) ABOVE THE GROUND WATER TABLE (AT ITS LOWEST POINT) UNLESS A GEOTECHNICAL ENGINEER CERTIFIES THAT THE PROPOSED ROADWAY DESIGN WILL NOT BE AFFECTED BY THE GROUND WATER TABLE AT THE SITE.
8. SOIL BORINGS TO BE DONE AT A MINIMUM OF 1 PER EVERY 500' OF PROPOSED ROADWAY. SEE ASTM D-1452 AND D-1587.
9. SUITABLE SUB-BASE MATERIALS ARE THOSE COMPLYING WITH ASTM D-2487 SOIL CLASSIFICATION GROUPS: GW, GP, SP AND SW SOILS AS CLASSIFIED UNDER THE UNIFIED SYSTEM.
10. BITUMINOUS PRIME AND TACK COATS WILL BE APPLIED AS LISTED BELOW:
  - A. PRIME COAT SHALL BE APPLIED AT A RATE OF 0.25 GALLONS PER SQUARE YARD TO THE SURFACE OF THE GRANITE BASE COURSES.
  - B. TACK COAT AC20 OR AC30 SHALL BE APPLIED AT A RATE OF 0.10 GALLONS PER SQUARE YARD TO THE SURFACE OF THE BINDER COURSE BEFORE PLACEMENT OF SURFACE COURSE.



**STANDARD CONSTRUCTION DETAIL**  
**TYPICAL RESIDENTIAL STREET**  
**PAVEMENT SECTION**

FOR RESIDENTIAL STREET THAT MAY SERVICE  
 LESS THAN 20 RESIDENCES OR IS LESS THAN 1/2 MILE IN LENGTH

DATED: AUG, 2019

**P-1A**